Data Task

**Background**

The attached datasets are for a theoretical alternative sentencing program for individuals **15 and older** who were court-mandated either to group sessions or individual counseling services (or both) with a nonprofit agency.

**Instructions**

Based on the data, please tell us, grouped by people younger than 25 and those 25 and older (**at the time their case opened**):

1. How many individuals attended at least one individual counseling session in 2019?
2. How many individuals attended at least one group counseling session in 2019?
3. Of the individuals who attended at least one individual counseling session, what is the average number of individual counseling sessions attended by year?
4. How has the average individual counseling sessions attended changed between 2018 and 2019?
5. Among closed cases, which individual had the highest group counseling session attendance rate, excluding cancelled sessions?
6. Among closed cases, identify the individual(s) that had an individual counseling session attendance rate (excluding cancelled sessions) in the bottom quartile.
7. Explain how you would approach summarizing or visually presenting the above findings to program staff.

Please summarize the steps you used to get the above information (including any data cleaning needed) and list any lingering questions and key findings. Please include any definitions or assumptions you made to complete the task.

This exercise should be able to be completed entirely in Excel and should take approximately an hour. If you prefer to use another program of your choice, that’s fine as well. (Feel free to use Google or other non-human resources to figure things out!)

Send your responses back to me ([ekoyle@innovatingjustice.org](mailto:ekoyle@innovatingjustice.org)) by the deadline provided in our correspondence.